

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

1635



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|----|------------------------|---------|
| Total Number of Pages in This Submission | 25 | Attorney Docket Number | GA0201C |
|--|----|------------------------|---------|

ENCLOSURES (check all that apply)

| | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers <i>(for an Application)</i> | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment / Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Preliminary Amendment; Supplemental Declaration Under 37 CFR Section 1.67(a)(1); Request for Reconsideration of Restriction Requirement Under 37 CFR Section 1.143; IDS; Declaration/Power of Attorney; 13 Publications |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|-------------------------------|------------------------|--|--|
| Firm or Individual name | Jennifer D. Tousignant | | |
| Signature | | | |
| Date | November 25, 2003 | | |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|----------------|------|---------------|
| Typed or printed name | Michele Silver | | |
| Signature | | Date | Nov. 25, 2003 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
290

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | 10/033,145 |
| Filing Date | November 5, 2001 |
| First Named Inventor | Bruce L. Roberts |
| Examiner Name | Richard A. Schnizer |
| Art Unit | 1635 |
| Attorney Docket No. | GA0201C |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
 Order
 Deposit Account:

| | |
|------------------------|---------------------|
| Deposit Account Number | 07-1074 |
| Deposit Account Name | Genzyme Corporation |

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|------------------------|
| Fee Code | Fee Code | Fee | |
| 1001 | 2001 | 385 | Utility filing fee |
| 1002 | 2002 | 170 | Design filing fee |
| 1003 | 2003 | 265 | Plant filing fee |
| 1004 | 2004 | 385 | Reissue filing fee |
| 1005 | 2005 | 80 | Provisional filing fee |
| SUBTOTAL (1) | | (\$ 0) | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | -20 ** | = | 0 | X | Fee from below | = | 0 | Fee Paid |
|--------------------|--------|---|---|---|----------------|---|---|----------|
| Independent Claims | | | | | | | | |
| Multiple Dependent | | | | | | | | |

| Large Entity | Small Entity | Fee Description |
|--------------|--------------|-----------------|
| Fee Code | Fee Code | Fee |
| 1202 | 2202 | 9 |
| 1201 | 2201 | 43 |
| 1203 | 2203 | 145 |
| 1204 | 2204 | 43 |
| 1205 | 2205 | 9 |
| SUBTOTAL (2) | | (\$ 0) |

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|--|
| Fee Code | Fee Code | Fee | |
| 1051 | 130 | 2051 65 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet |
| 1053 | 130 | 1053 130 | Non-English specification |
| 1812 | 2,520 | 1812 2,520 | For filing a request for reexamination |
| 1804 | 920* | 1804 920* | Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 55 | Extension for reply within first month |
| 1252 | 420 | 2252 210 | Extension for reply within second month |
| 1253 | 950 | 2253 475 | Extension for reply within third month |
| 1254 | 1,480 | 2254 740 | Extension for reply within fourth month |
| 1255 | 2,010 | 2255 1,005 | Extension for reply within fifth month |
| 1401 | 330 | 2401 165 | Notice of Appeal |
| 1402 | 330 | 2402 165 | Filing a brief in support of an appeal |
| 1403 | 290 | 2403 145 | Request for oral hearing |
| 1451 | 1,510 | 1451 1,510 | Petition to institute a public use proceeding |
| 1452 | 110 | 2452 55 | Petition to revive – unavoidable |
| 1453 | 1,330 | 2453 665 | Petition to revive – unintentional |
| 1501 | 1,330 | 2501 665 | Utility issue fee (or reissue) |
| 1502 | 480 | 2502 240 | Design issue fee |
| 1503 | 640 | 2503 320 | Plant issue fee |
| 1460 | 130 | 1460 130 | Petitions to the Commissioner |
| 1807 | 50 | 1807 50 | Processing fee under 37 CFR 1.17 (q) |
| 1806 | 180 | 1806 180 | Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 40 | Recording each patent assignment per property (times number of properties) |
| 1809 | 770 | 2809 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 770 | 2810 385 | For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 770 | 2801 385 | Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 900 | Request for expedited examination of a design application |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 290)

SUBMITTED BY

| | | | | | |
|-------------------|-----------------------|--------------------------------------|--------|---------------|----------------|
| Name (Print/Type) | Jennifer D. Toussaint | Registration No. (Attorney/Agent) | 54,498 | Telephone | (508) 270-2499 |
| Signature | | | Date | Nov. 25, 2003 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.